AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A metal compound obtained by a process comprising the step of contacting the following components (a) to (c), wherein the amount of the component (b) contacted is from 0.1 to 8 mol, and the amount of the component (c) contacted is from 0.5 to 8 mol, per 1 mol of the component (a), respectively:

(a) a compound represented by the following formula [1]

$M^1L^1_r$ [1],

(b) a compound represented by the following formula [2]

$R^1_{s-1}TH$ [2], and

(c) a compound represented by the following formula [3],

$R^2_{4-n}J(OH)_n$ [3],

wherein M^1 is a metal atom of the Groups 12 to 15 in th the periodic table or a boron atom; r is a valence of M^1; L^1 is a hydrogen atom, a halogen atom, a hydrocarbon group or a hydrocarbon oxy group, and when two or more L^1's exist, they may be the same or different from one another; T is a non-metal atom of the Group 15 or 16 in the periodic table; s is a valence of T; R^1 is an electron-withdrawing group or an electron-withdrawing group-containing group, and when two or more R^1's exist, they may be the same or different from one another; n is the number of from 2 to 4; J is a non-metal atom of the Group 14 in the periodic table; and R^2 is a hydrocarbon group, and when two or more R^2's exist, they may be the same or different from one another.

2. (original): The metal compound according to Claim 1, wherein T is a nitrogen atom or an oxygen atom.

3. (original): The metal compound according to Claim 1, wherein R^1 is a halogenated hydrocarbon group.

4. (original): The metal compound according to Claim 1, wherein the component (b) is a fluorinated phenol.

5. (original): The metal compound according to Claim 1, wherein the component (b) is pentafluorophenol.

6. (original): The metal compound according to Claim 1, wherein the component (b) is a fluorinated alcohol.

7. (original): The metal compound according to Claim 1, wherein the component (b) is 1,1,1,3,3,3-hexafluoro-2-propanol.

8. (original): The metal compound according to Claim 1, wherein M^1 is a bismuth atom.

9. (original): The metal compound according to Claim 1, wherein M^1 is an aluminum atom.

10. (original): The metal compound according to Claim 1, wherein J is a silicon atom.

11. (original): A catalyst component for addition polymerization comprising the metal compound according to Claim 1.

12. (currently amended): A catalyst for addition polymerization obtained by ~~a~~ the process comprising the step of contacting a catalyst component for addition polymerization according to Claim 11 with a compound (B) of a metal selected from the group consisting of metals of Groups 3 to 11 and lanthanide series, and optionally an organoaluminum compound (C).

13. (original): The catalyst for addition polymerization according to Claim 12, wherein the compound (B) is a metallocene compound.

14. (original): The catalyst for addition polymerization according to Claim 12, wherein the compound (B) is a transition metal compound, which contains at least one group having a cyclopentadienyl type anion skeleton.

15. (original): A process for producing an addition polymer comprising the step of polymerizing an addition polymerizable monomer in the presence of the catalyst for addition polymerization according to Claim 12.

16. (original): The process for producing an addition polymer according to Claim 15, wherein the addition polymerizable monomer is an olefin.

17. (original): The process for producing an addition polymer according to Claim 15, wherein the addition polymerizable monomer is a combination of ethylene and an α-olefin.